

REASONING WORKBOOK FOR NIMCET 2022

1. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?
- A. Brother
 - B. Uncle
 - C. Cousin
 - D. Father

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

Hint :-

The boy in the photograph is the only son of the son of Suresh's mother i.e., the son of Suresh. Hence, Suresh is the father of boy.

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

3. If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?
- A. Brother
 - B. Sister
 - C. Nephew
 - D. Cannot be determined

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

Hint :-

$P - M \rightarrow P$ is the brother of M

$M + N \rightarrow M$ is the mother of N

$N \times Q \rightarrow N$ is the sister of Q

Therefore, P is the maternal uncle of Q .

TOPIC: Blood Relation

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3. If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?
- A. Brother
 - B. Sister
 - C. Nephew
 - D. Cannot be determined

TOPIC: Blood Relation

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Hint :-

If D is Male, the answer is Nephew.

If D is Female, the answer is Niece.

As the sex of D is not known, hence, the relation between D and A cannot be determined.

Note: Niece - A daughter of one's brother or sister, or of one's brother-in-law or sister-in-law. Nephew - A son of one's brother or sister, or of one's brother-in-law or sister-in-law.

TOPIC: Blood Relation

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4. If $A + B$ means A is the brother of B; $A - B$ means A is the sister of B and $A \times B$ means A is the father of B. Which of the following means that C is the son of M?

- A. $M - N \times C + F$
- B. $F - C + N \times M$
- C. $N + M - F \times C$
- D. $M \times N - C + F$

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

Hint :-

$M \times N \rightarrow M$ is the father of N

$N - C \rightarrow N$ is the sister of C

and $C + F \rightarrow C$ is the brother of F .

Hence, M is the father of C or C is the son of M .

TOPIC: Blood Relation

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5. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
- A. Brother
 - B. Nephew
 - C. Uncle
 - D. Son-in-law

TOPIC: Blood Relation

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Hint :-

The father of the boy's uncle → the grandfather of the boy and daughter of the grandfather → sister of father.

TOPIC: Blood Relation

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6. Pointing to a photograph Lata says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lata?
- A. Brother
 - B. Uncle
 - C. Cousin
 - D. Data is inadequate

TOPIC: Blood Relation

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Hint :-

The man in the photograph is the son of the only son of Lata's grandfather i.e., the man is the son of Lata's father. Hence, the man is the brother of Lata.

TOPIC: Blood Relation

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7. If $A + B$ means A is the brother of B; $A \times B$ means A is the son of B; and $A \% B$ means B is the daughter of A then which of the following means M is the maternal uncle of N?

- A. $M + O \times N$
- B. $M \% O \times N + P$
- C. $M + O \% N$
- D. None of these

TOPIC: Blood Relation

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Hint :-

Answer: Option **D**

Explanation:

Because the sex of O is not known.

TOPIC: Blood Relation

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8. If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?

1. The son of D is the grandson of C.

2. B is the sister of D.

A. Only 1

B. Only 2

C. Either 1 or 2

D. 1 and 2 both are required

TOPIC: Blood Relative

REASONING WORKBOOK FOR NIMCET 2022

Hint :-

Given: D is the brother of B.

From statement 1, we can detect that D is son of C (son of D is the grandson of C).

From statement 2, we can detect that B is 'Female' (sister of D).

Therefore, B is daughter of C.

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

9. If $A + B$ means A is the father of B; $A - B$ means A is the brother B; $A \% B$ means A is the wife of B and $A \times B$ means A is the mother of B, which of the following shows that M is the maternal grandmother of T?

- A. $M \times N \% S + T$
- B. $M \times N - S \% T$
- C. $M \times S - N \% T$
- D. $M \times N \times S \% T$

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

Hint :-

Answer: Option **A**

Explanation:

$M \times N \rightarrow$ M is the mother of N

$N \% S \rightarrow$ N is the wife of S

and $S + T \rightarrow$ is the father of T.

Hence, M is the maternal grandmother of T.

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10. Pointing to a photograph. Bajpai said, "He is the son of the only daughter of the father of my brother." How Bajpai is related to the man in the photograph?

- A. Nephew
- B. Brother
- C. Father
- D. Maternal Uncle

TOPIC: Blood Relation

REASONING WORKBOOK FOR NIMCET 2022

Hint :-

The man in the photo is the son of the sister of Bajpai. Hence, Bajpai is the maternal uncle of the man in the photograph.

TOPIC: Blood Relation